

## Peninsula Boulevard Groundwater Plume

Hewlett, New York

EPA Facility ID: NYN000204407

Basin: Southern Long Island Watershed

HUC: 02030202

The [Peninsula Boulevard Groundwater Plume](#) site is a groundwater plume in a residential area of Hewlett, Nassau County, New York. Elevated levels of tetrachloroethylene (PCE), cis-1, 2-dichloroethylene (cis-1, 2-DCE), and trichloroethylene (TCE) have been detected in groundwater samples collected from the site. The exact source of contamination has not been determined, although numerous active and former dry-cleaning facilities are in the vicinity of the site. A remedial investigation (RI) conducted by the New York State Department of Environmental Conservation indicated that groundwater in the vicinity of the site flows from the main plume area to the northwest. Additionally during the RI, elevated levels of PCE were documented in Motts Creek, in the vicinity of the contaminated groundwater plume. Motts Creek flows through the grounds of a Junior High School and continues on for approximately 2 km (1 mi) before discharging into Jamaica Bay Wildlife Refuge.

The NOAA trust habitats of concern are Motts Creek and Jamaica Bay. A tidal gate is present on Motts Creek but it does not impede fish passage. Jamaica Bay is an embayment with tidal wetlands, salt marshes, upland meadows, hassocks, remnant coastal forests, and tidal creeks. Motts Creek and Jamaica Bay provide nursery, spawning, and adult habitat for many NOAA trust resources such as anadromous striped bass, alewife, and the catadromous American eel. Estuarine and marine species include Atlantic menhaden, Atlantic killifish, windowpane flounder, bluefish, and Atlantic silverside. Invertebrates such as blue crab and hard clam are also found in Jamaica Bay (C. Guthrie, personal communication March 22, 2004).

*This screening-level site review is based on resource and contaminant information available in the USEPA site narrative and the hazard ranking score documentation record at the time the site was proposed for placement on the USEPA National Priorities List. It does not represent a review of all the information available for the site. At this time, NOAA's Office of Response and Restoration, Assessment and Restoration Division, Northeast Branch is not actively working on this site. However, should new information become available to this office that indicates there is potential harm to NOAA Trust resources associated with this site, this office will activate its role as Trustee.*

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